AMENDMENTS TO THE CLAIMS

Claims 1-19 (Cancelled).

20. (Currently Amended) The operating method as claimed in claim [[19]] 30, further comprising the steps of:

controlling a multiplexer by the selection lines such that data transmitted over a module transmission line of the selected measurement module are forwarded via the multiplexer to the central unit.

21. (Currently Amended) The operating method as claimed in claim [[19]] 30, further comprising the step of:

transmitting data transmitted from the central unit over a central transmission line to all measurement modules.

22. (Currently Amended) The operating method as claimed in claim [[19]] 30, further comprising the step of:

utilizing data sent from the central unit only in the measurement module selected by means of a selection line.

23. (Currently Amended) The operating method as claimed in claim [[19]] 30, wherein:

the measurement modules are periodically selected by the central unit.

24. (Currently Amended) The operating method as claimed in claim [[19]] 30, wherein:

different measuring modules are selected for different selection times periodically by the central unit.

Claims 25 - 27 (Cancelled).

28. (Currently Amended) A measuring device for process technology, to be used in measurement and/or cleaning and/or calibration installations in the area of process automation, for measuring pH-values and/or redox potentials and/or other process parameters, comprising:

a central unit;

at least one measurement module connected to said central unit for transferring digital data; [[and]]

a selection line assigned to each measurement module[[,]] ; and ~~wherein:~~

a multiplexer, wherein:

each measurement module is selectable by said central unit by a selection line;

~~a multiplexer, wherein:~~

the module transmission lines are connectable with the inputs of said multiplexer;

the output of said multiplexer is connectable with said central unit; and

said multiplexer is controllable via said selection lines.

Claim 29 (Cancelled).

30. (New) An operating method for a measuring device for process technology, to be used in measurement and/or cleaning and/or calibration installations in the area of process automation, for measuring pH-values and/or redox potentials and/or other process parameters, having a central unit, and at least one measurement module connected with the central unit; comprising the steps of:

providing a selection line for each measurement module over which digital data is transferred; and

selecting a measurement module by the central unit and a selection line, wherein:

different measuring modules are selected for different selection times periodically by the central unit; and

the selection times are changed.

31. (New) An operating method for a measuring device for process technology, to be used in measurement and/or cleaning and/or calibration installations in the area of process automation, for measuring pH-values and/or redox potentials and/or other process parameters, having a central unit, and at least one measurement module connected with the central unit; comprising the steps of:

providing a selection line for each measurement module over which digital data is transferred; and

selecting a measurement module by the central unit and a selection line, wherein:

the measurement modules are selected a plurality of times within one cycle.